

IN THE ABSTRACT:

Please replace the Abstract of the Invention with the following new

Abstract:

--A disk device for positioning a head to read a disk medium at a predetermined position demodulates accurate demodulation positions even when the head is moving. In a disk device that includes a disk medium, a head, an actuator and a control circuit, the demodulation result is determined from the position signal of the head and speed is corrected by a correction value which depends on the moving speed of the head. Since the speed is corrected, accurate positions can be demodulated even when the head is moving.--